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701254

May 27, 1947

Dr. Wright Longham
P. O. Box 1663
Santa Fe, New Mexico

Dear Wright:

You will receive another shipment of specimens from Hp9 within a few days. These include five (5) 24 hour urine specimens and two bottles containing the feces collected between carmine markers given at 8:00 A.M., 5/16/47 and 8:00 A.M., 5/21/47. These specimens have been collected during the intravenous administration of sodium citrate solution. The citrate was given intravenously in a concentration of 1.5% dissolved in physiological saline. The dates of injection, interval over which injected and total amount are given in the following tabulation:

<u>Date</u>	<u>Time Taken for Injection</u>	<u>Amount gms.</u>
5/16/47	120 min.	10.0
5/17/47	145	15.0
5/18/47	160	15.0
5/19/47	180	15.0
5/20/47	160	15.0

We were rather cautious about the amount given since some data in the medical literature suggested that large amounts of sodium citrate are toxic. In paper by Bruneau and Graham, Arch. Surg., 1945, 47, 319, it is stated that 15 gm. of sodium citrate may be toxic if given rapidly. We did not notice any adverse effect giving it slowly as indicated. I presume considerably larger amounts would be tolerated but perhaps not by Hp9 who is a difficult subject in many respects.

Sincerely yours,

Samuel H. Bassett

SHB:rhd

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Classification Cancelled

Or Changed To

By Authority Of Dr. H. C. G. W. L. C.

By L. H. T. J. C. B. Date 5/27/74